

A scatter plot showing the relationship between Age (X-axis) and Length Of Stay (Y-axis). The Y-axis has tick marks at 2 and 4. The X-axis has tick marks at 50 and 70. Data points are categorized as 'High Value Points' (solid black circles) and 'Low Value Points' (open circles). Three regions are highlighted with boxes and labels:

- 102**: A large rectangle covering the area approximately from Age 45 to 65 and Length Of Stay 1.5 to 4.5. It contains several high and low value points.
- 104b**: A smaller rectangle nested within region 102, covering approximately Age 48 to 58 and Length Of Stay 3.5 to 4.5. It contains two high value points.
- 104a**: A rectangle located at higher ages and lengths of stay, approximately Age 65 to 80 and Length Of Stay 4.5 to 5.5. It contains two high value points.

Legend:

- High Value Points (solid black circle)
- Low Value Points (open circle)

F16.1

Expected cost	Doctor ID			
	A	B	C	D
	150	200	900	1000

Doctor ID
Histogram

$$\text{Expected Cost} = \frac{\sum \text{Cost}}{\text{\# of instances of the discrete attribute value}}$$

Index	Doctor ID	Age	Length of Stay	Cost
1	A	20	1	100
2	A	40	2	300
3	B	16	1	100
4	B	60	3	1000
5	C	70	2	900
6	.	.	.	.
7	.	.	.	.
8	.	.	.	.
9	.	.	.	.
10	D	50	4	1500

Relational Table of Data

FIG. 2

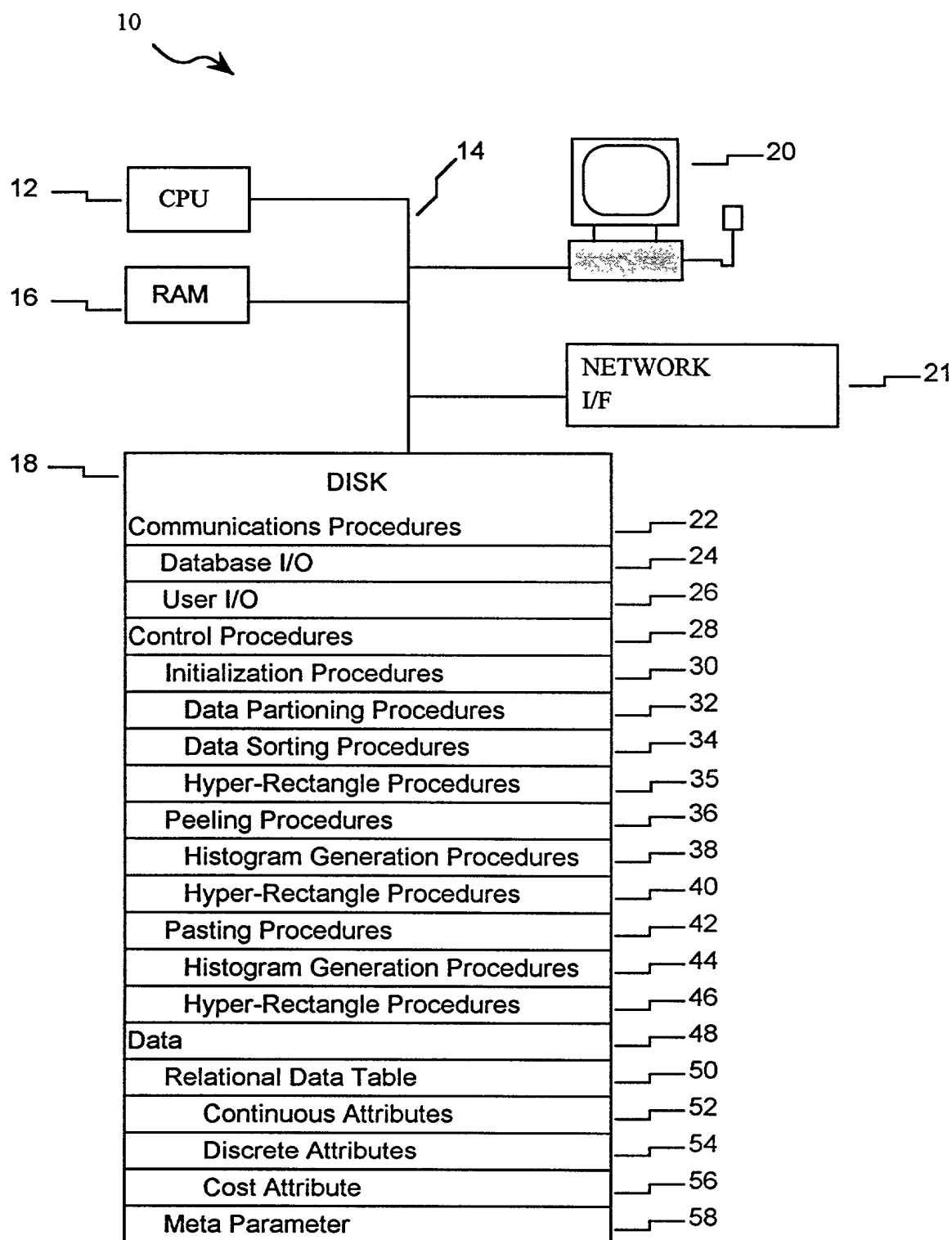


FIG. 3

100

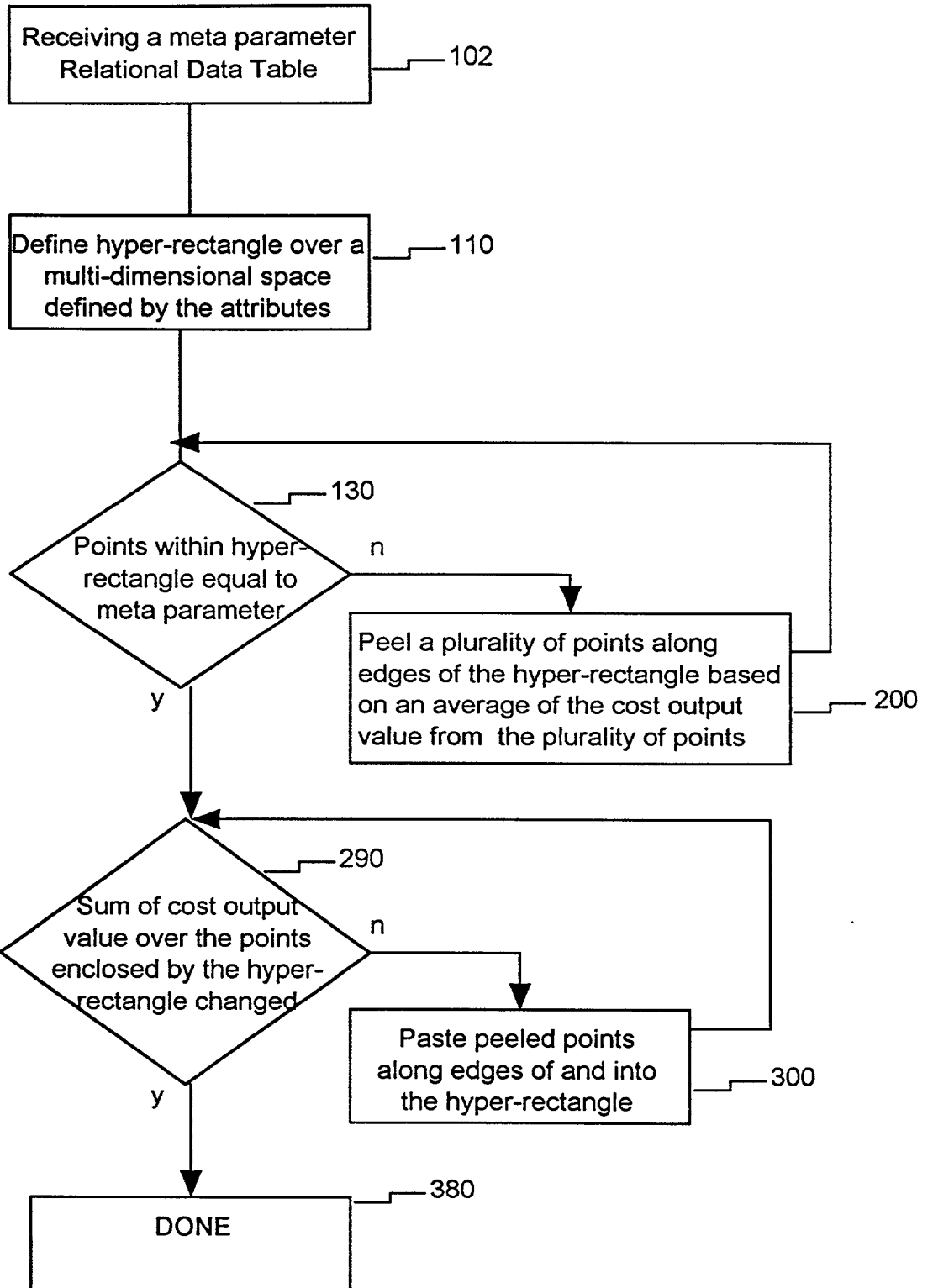


FIG. 4

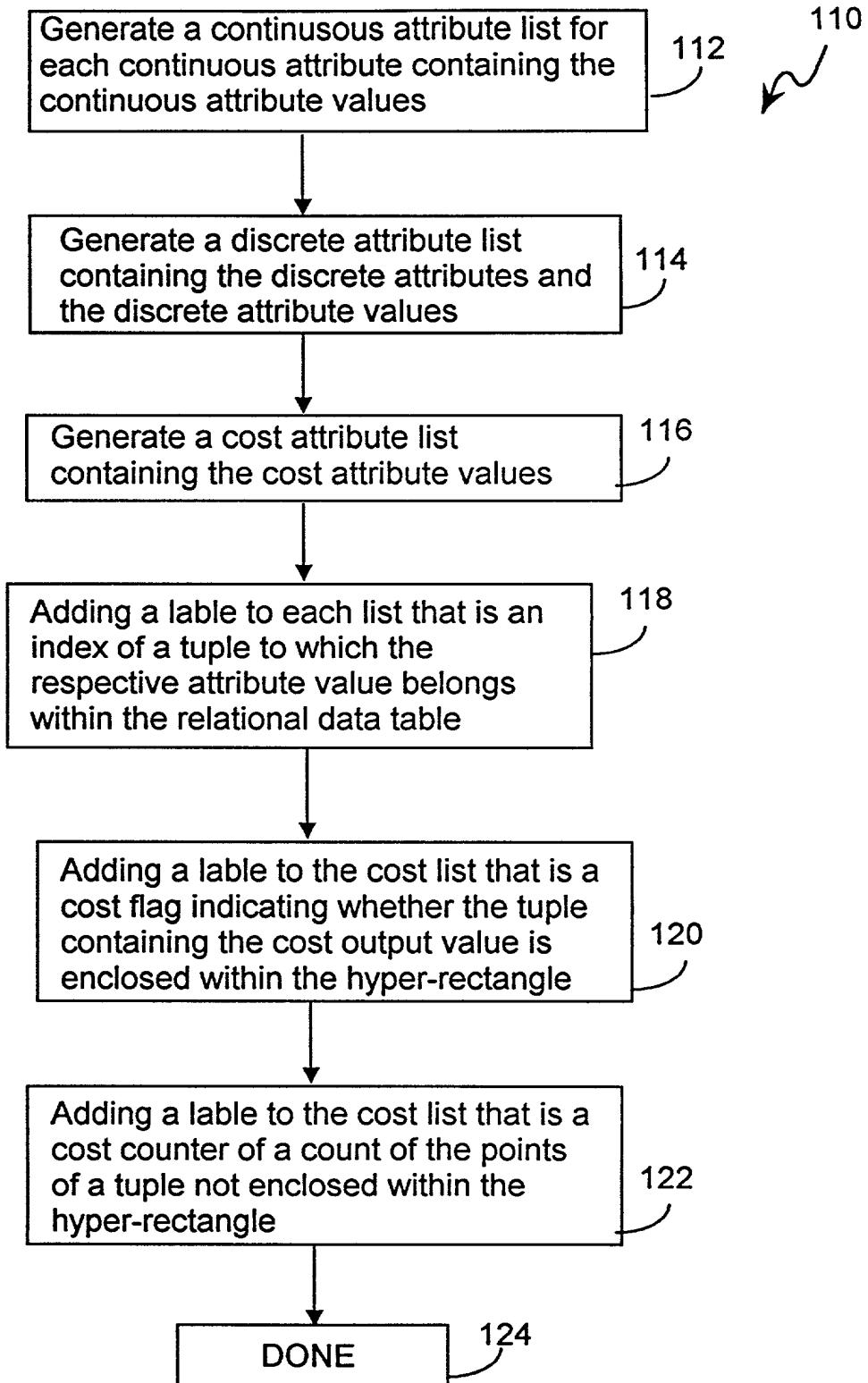


FIG. 5

200

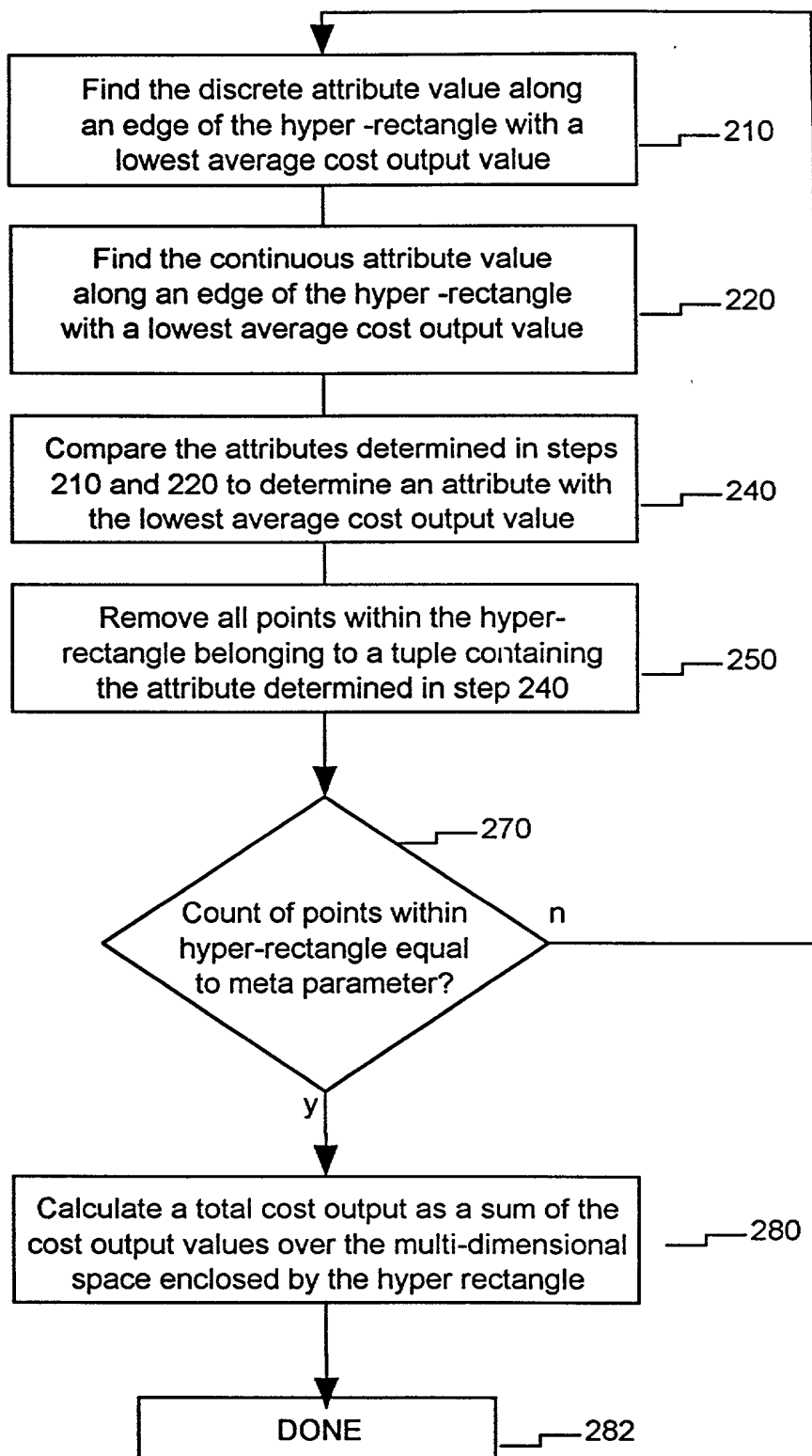


FIG. 6

220

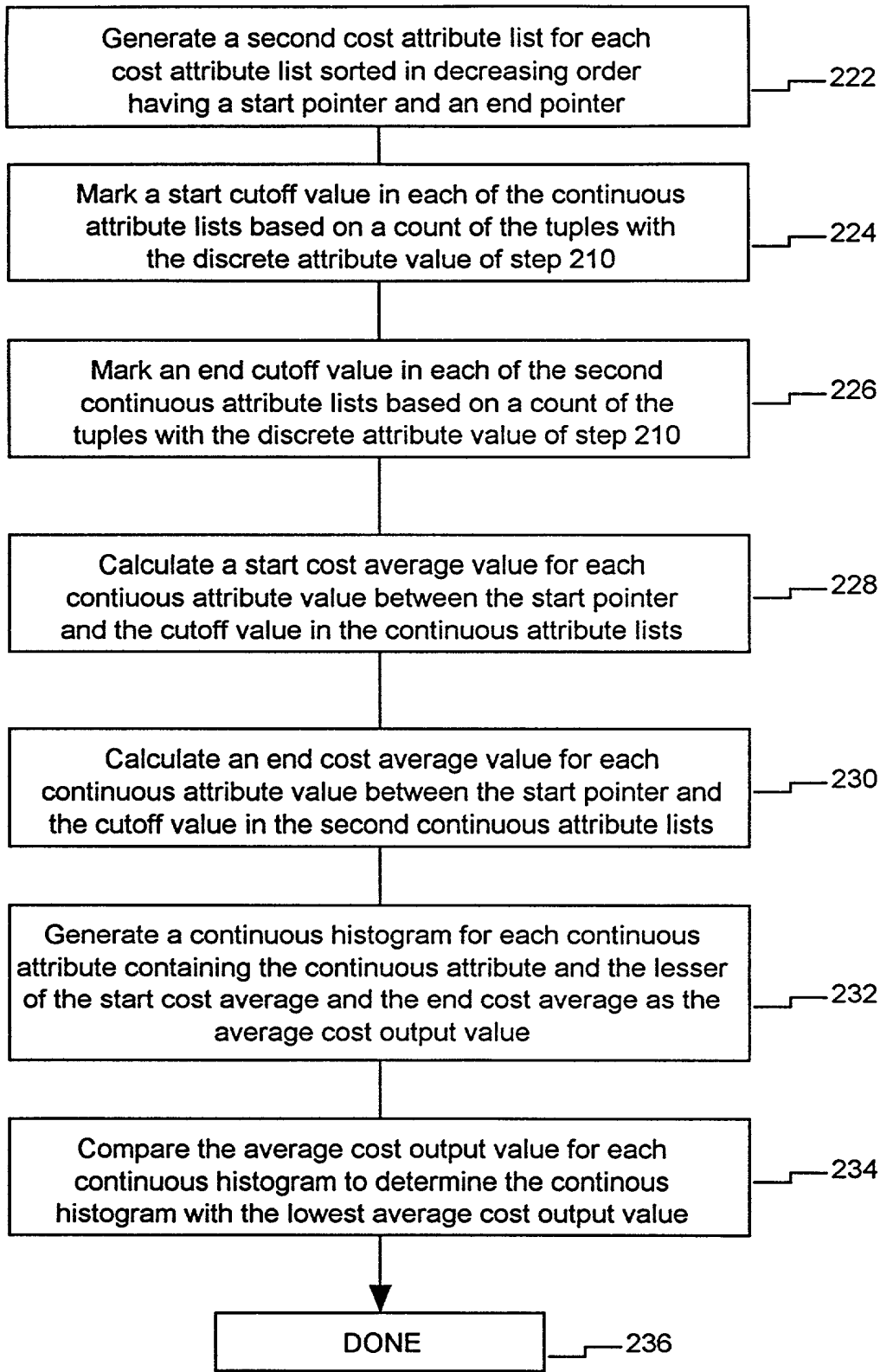


FIG. 7

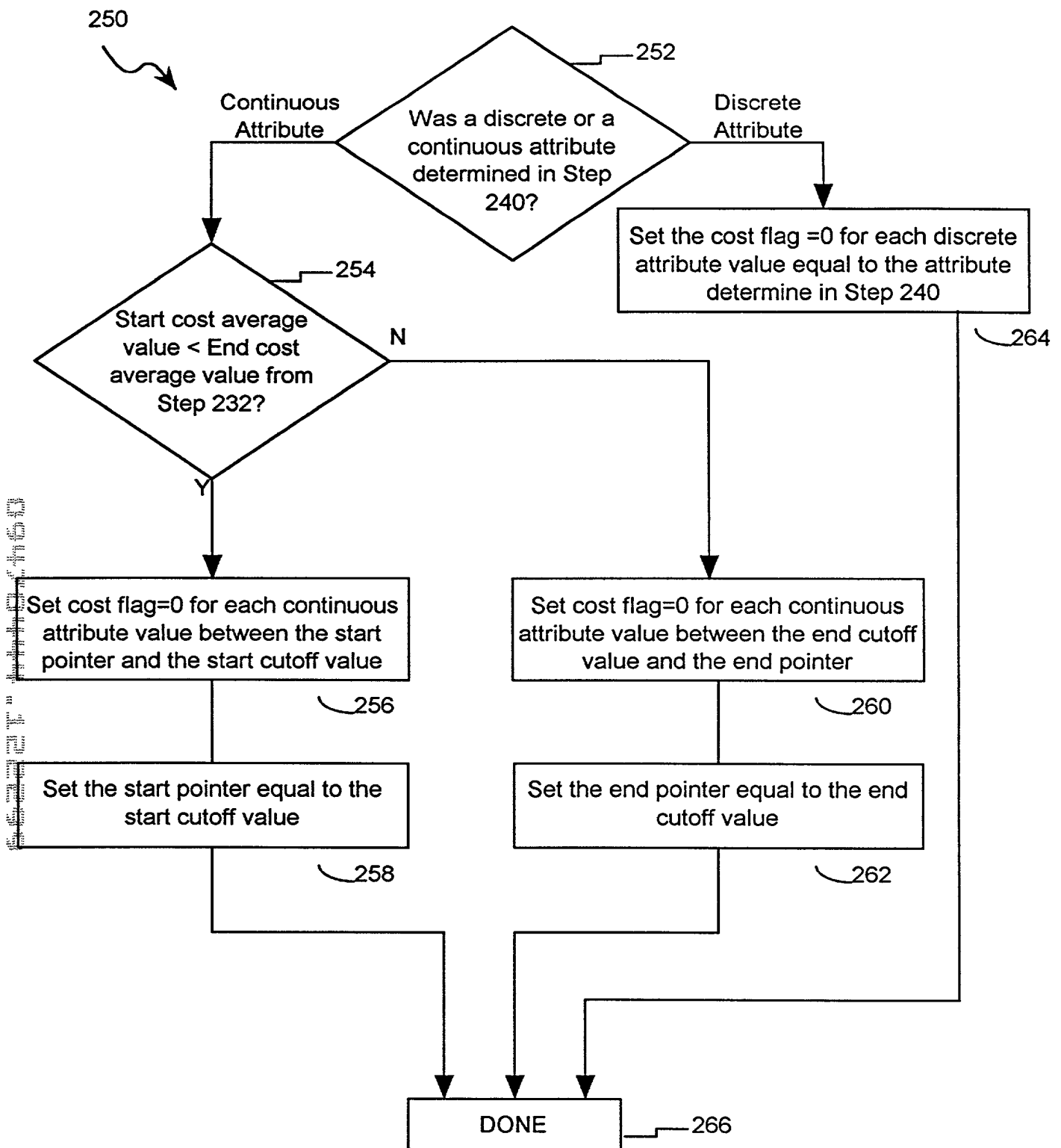


FIG. 8

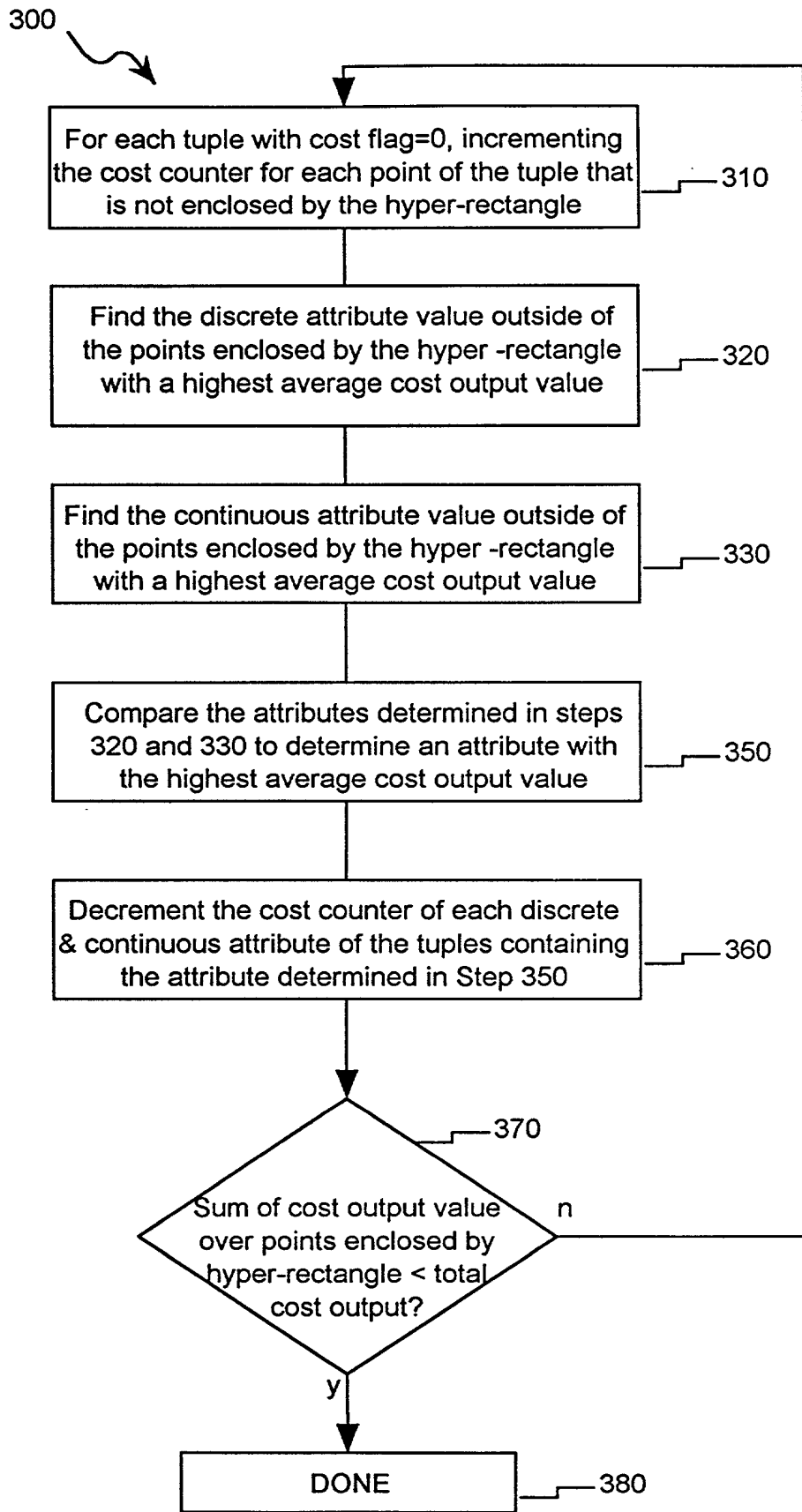


FIG. 9

330

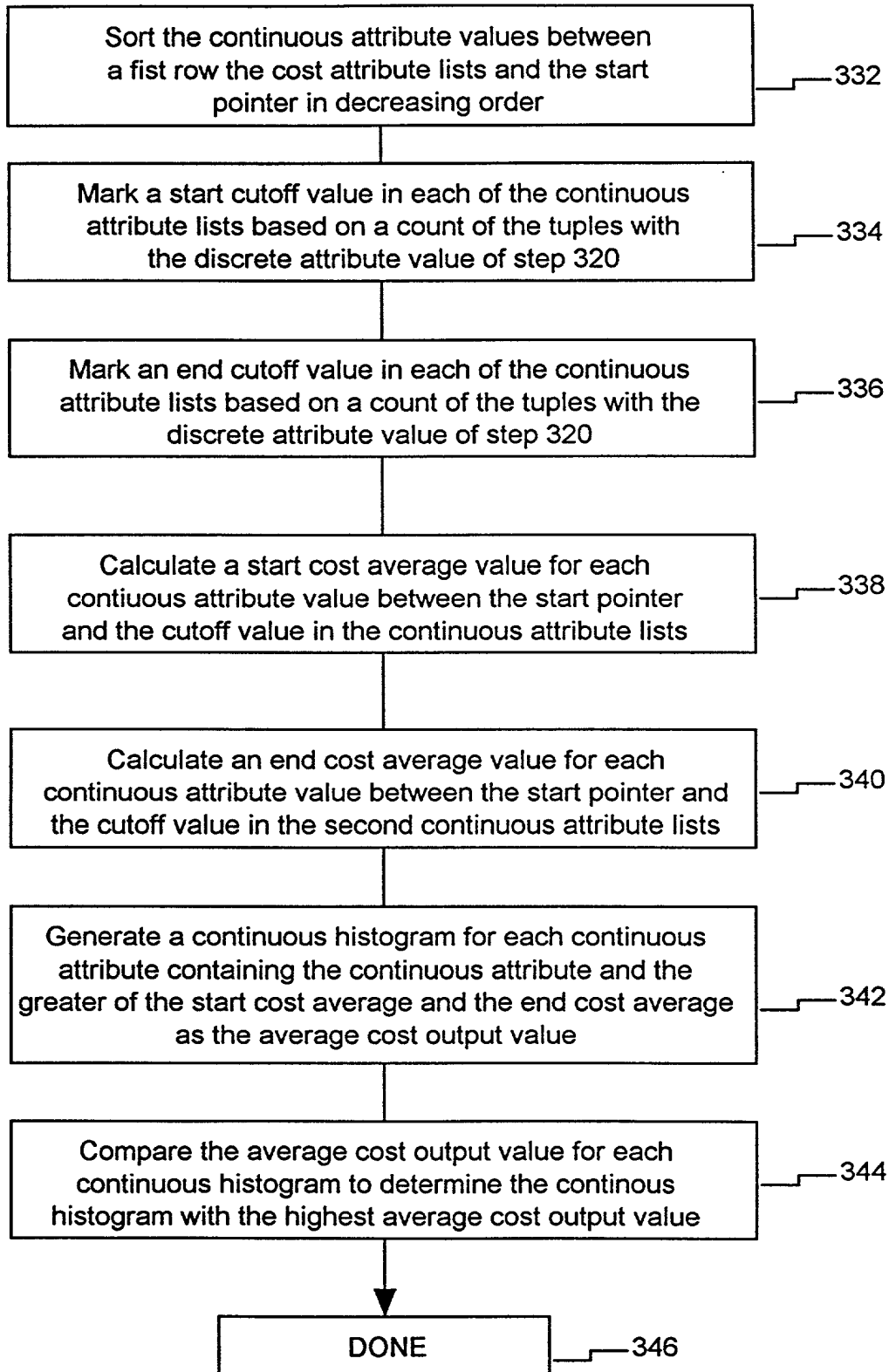


FIG. 10

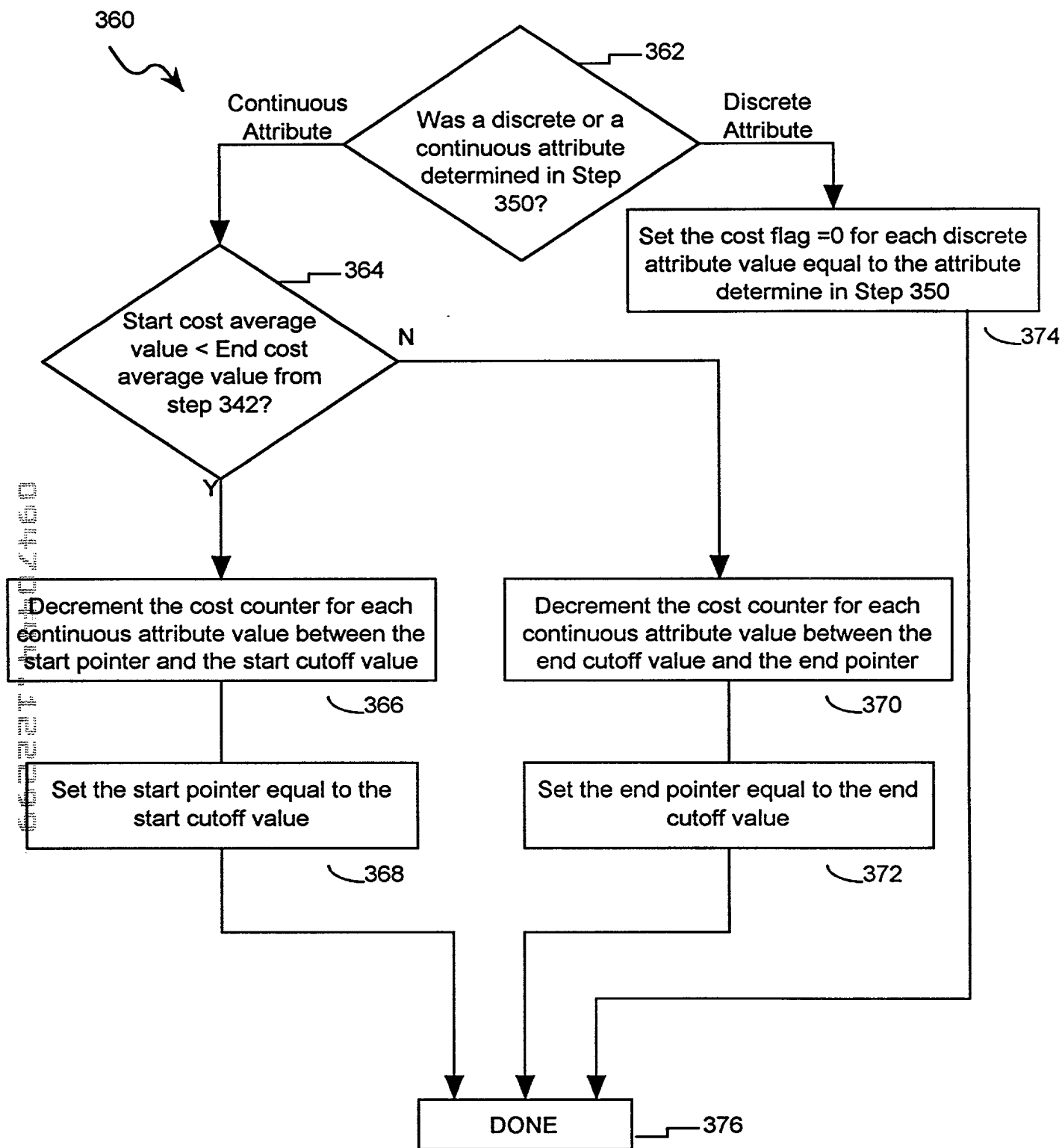


FIG. 11

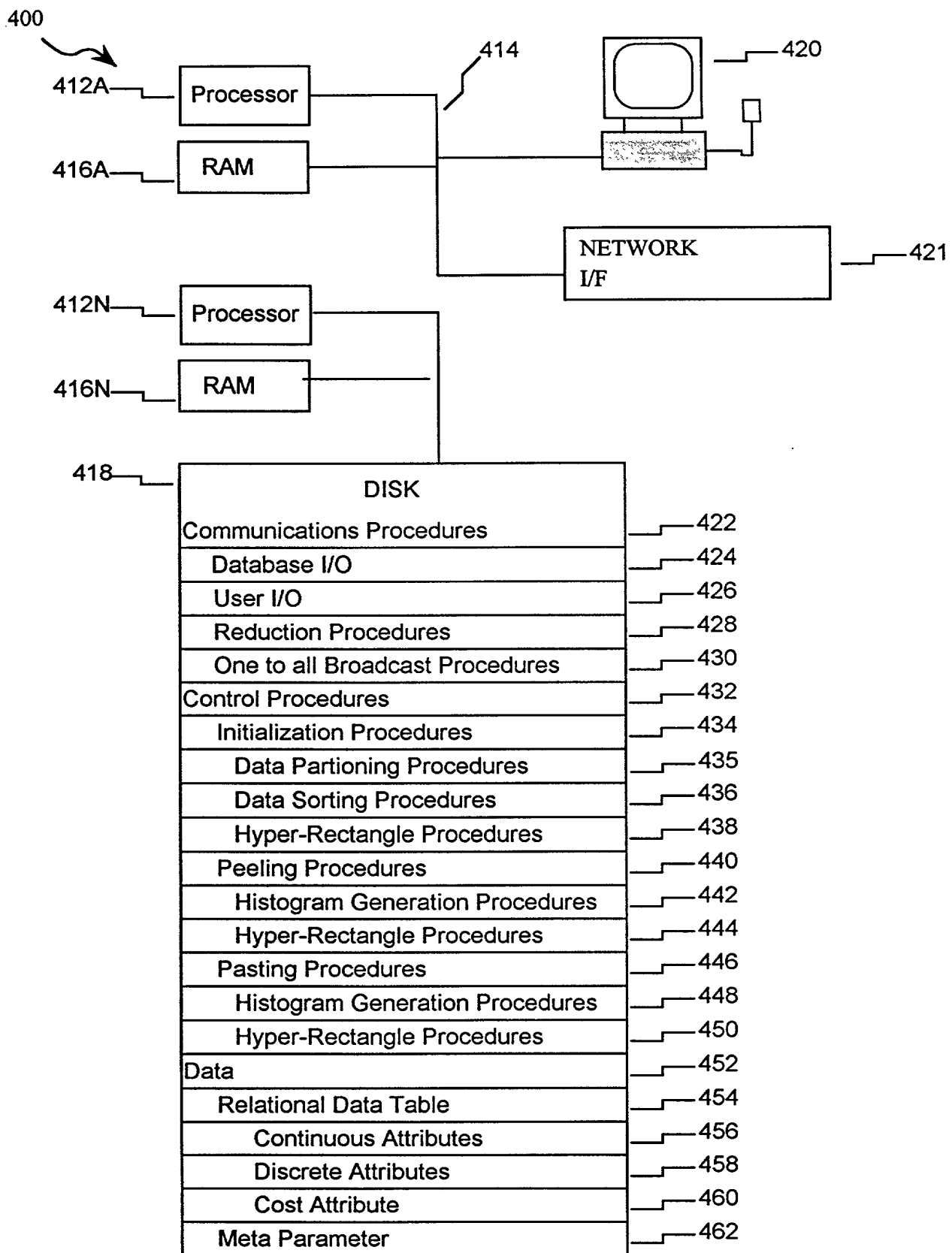


FIG. 12

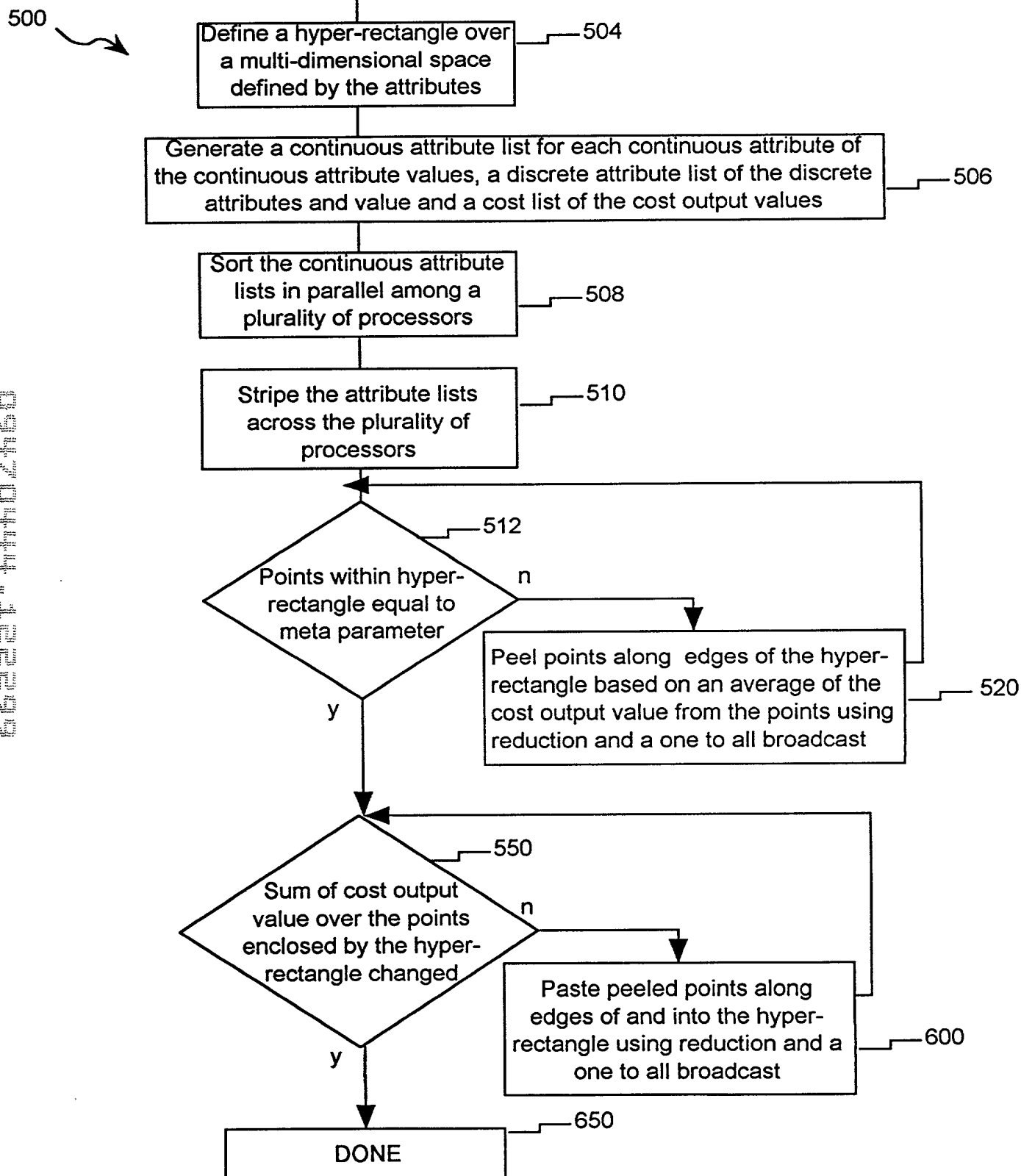


FIG. 13

1
2
•
•
•
•
19
20

Original sorted list

1
5
9
13
17

Processor 1

2
6
10
14
18

Processor 2

3
7
11
15
19

Processor 3

4
8
12
16
20

Processor 4

520

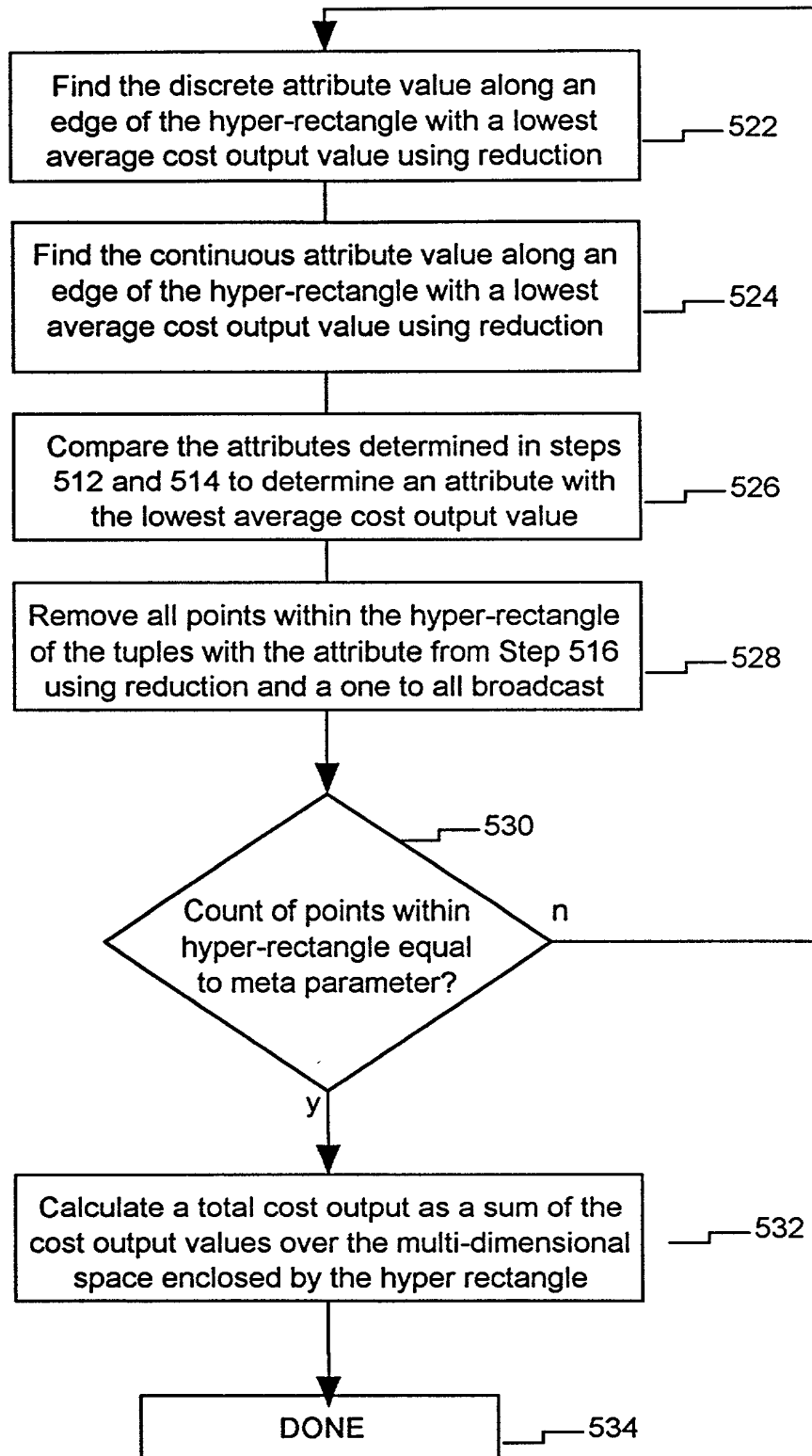


FIG. 15

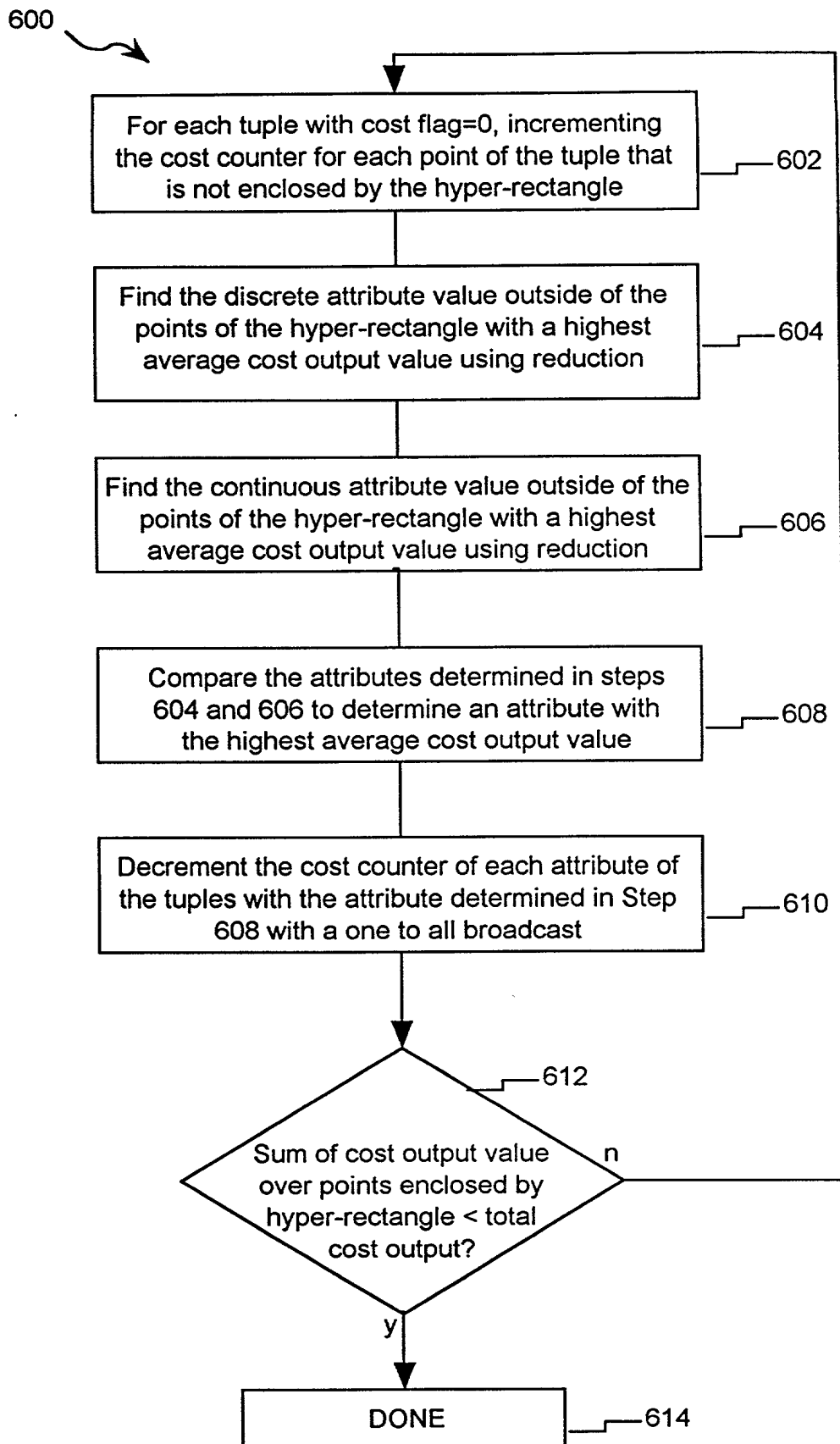


FIG. 16

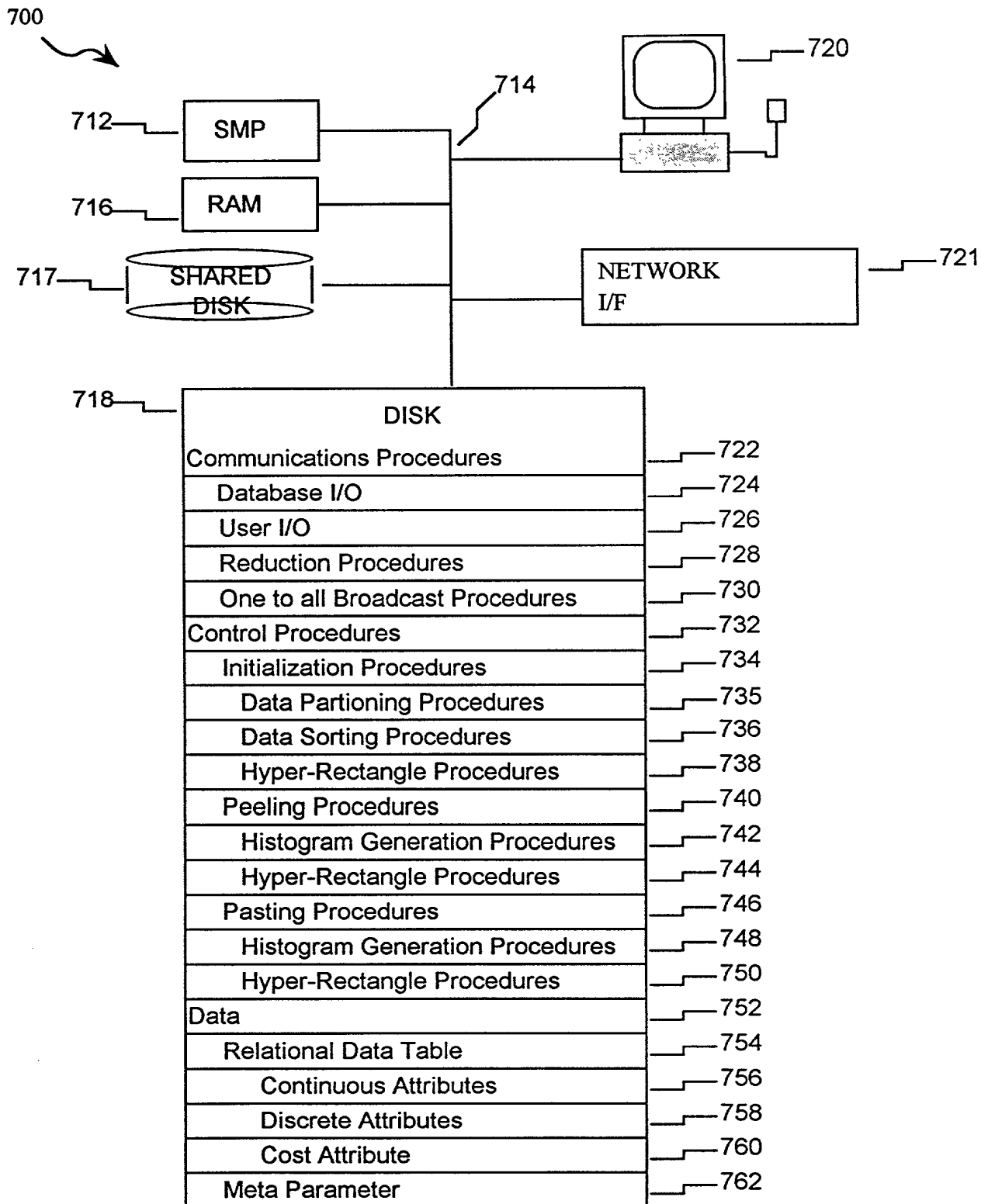


FIG. 17

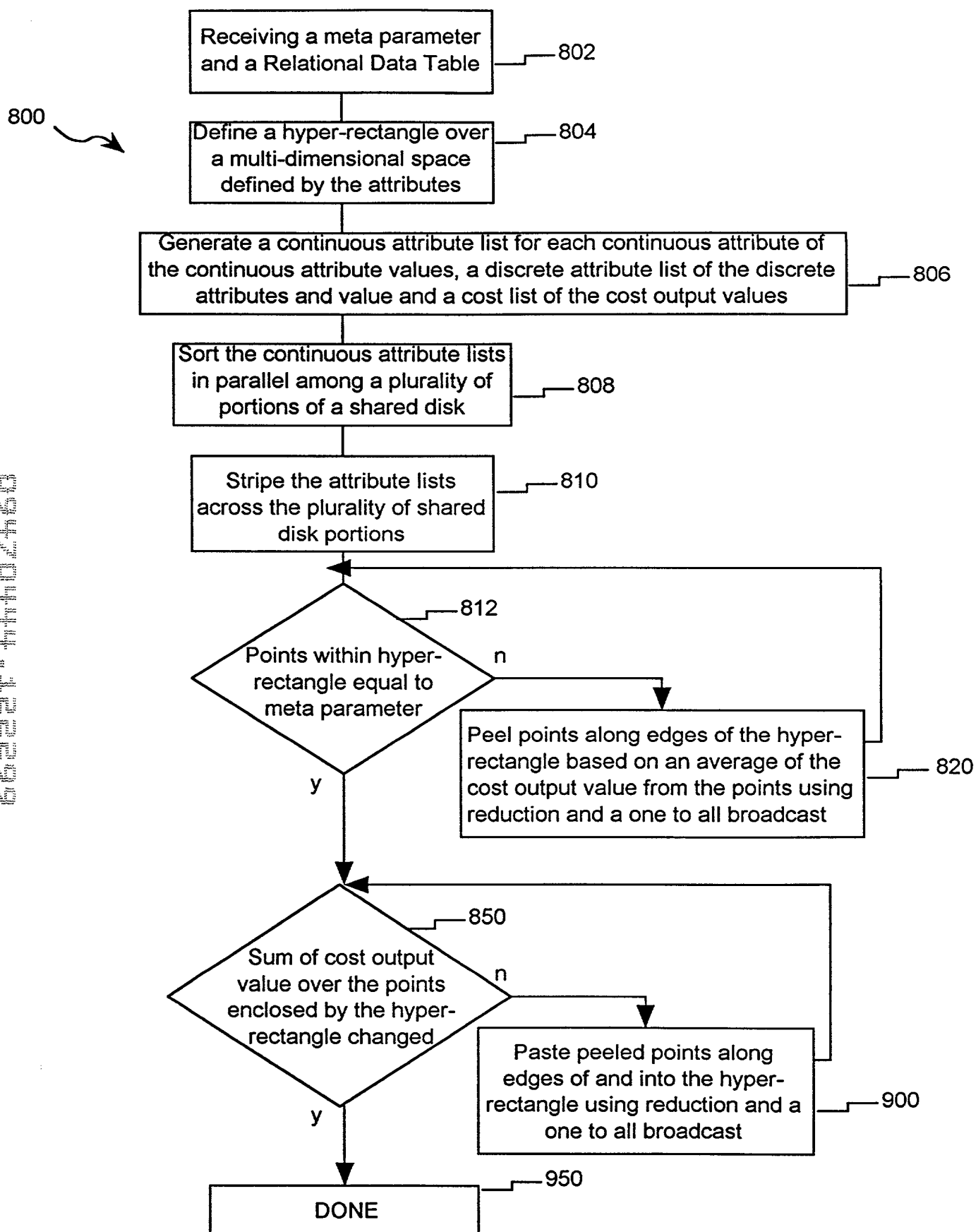


FIG. 18

820

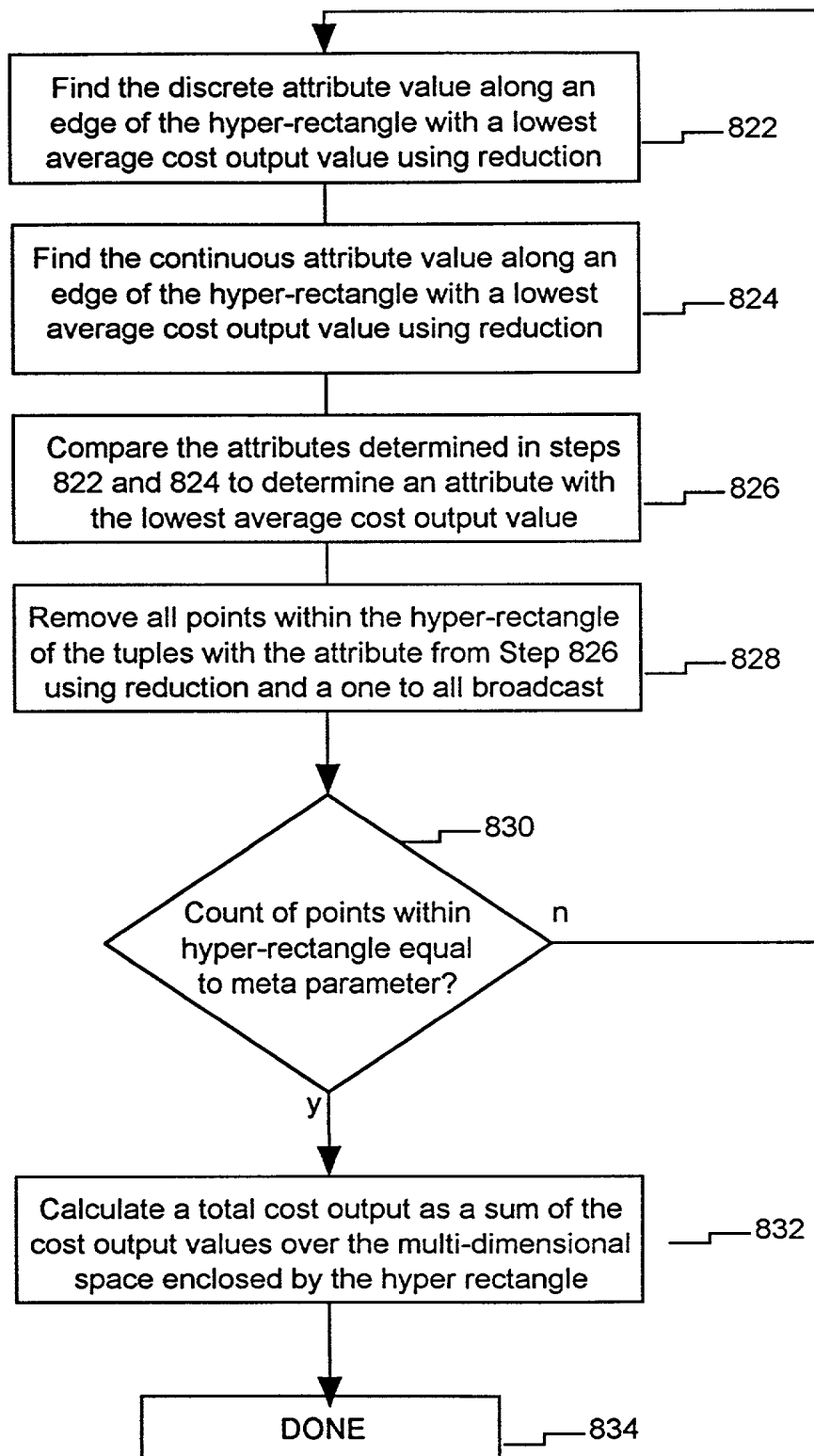


FIG. 19

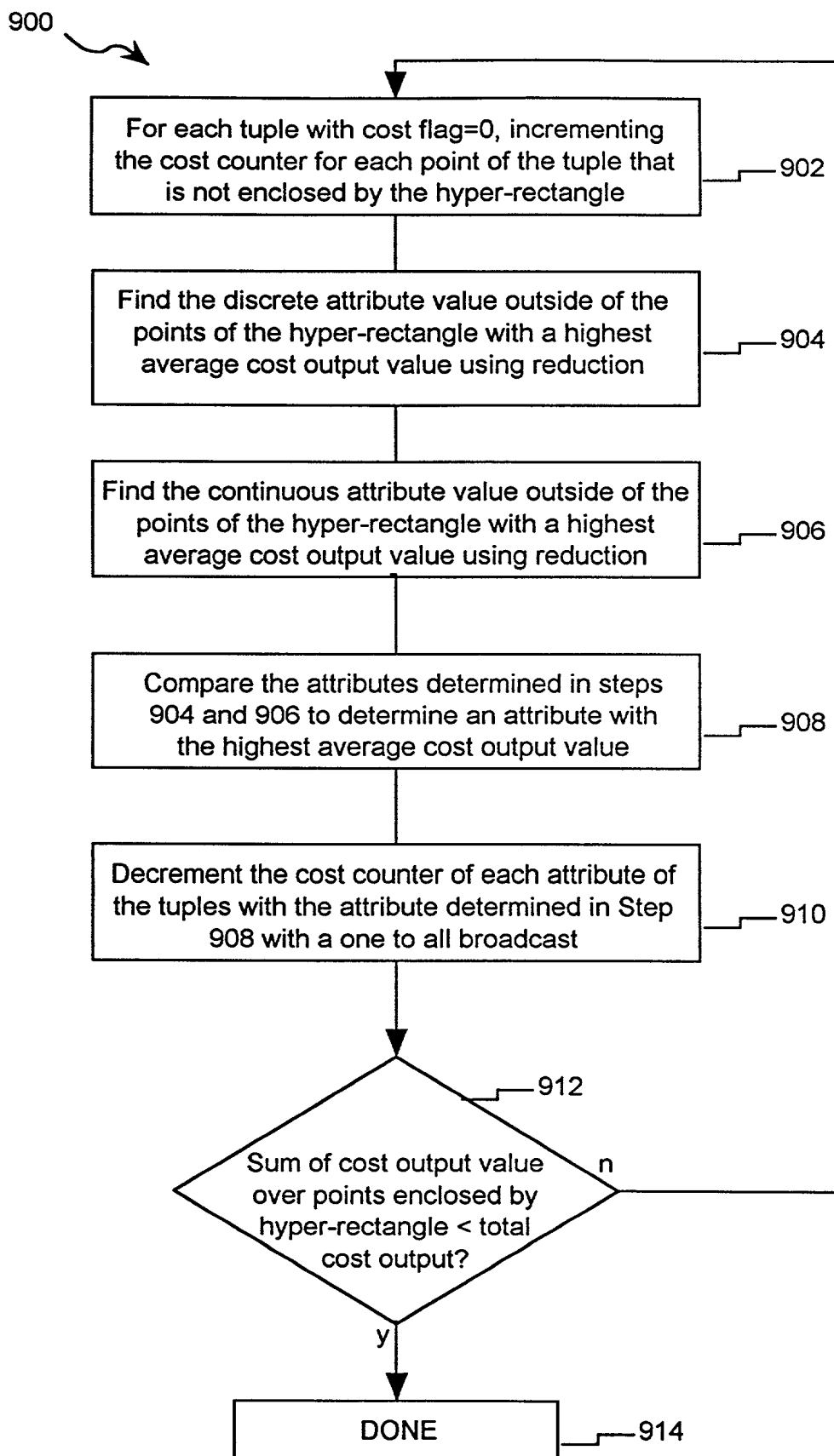


FIG. 20